

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110520\
 Data File : BM027700.D
 Acq On : 05 Nov 2020 01:22
 Operator : JU/CG
 Sample : SSTD0.103
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.1031

Quant Time: Nov 05 03:58:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM110520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 05 03:44:30 2020
 Response via : Initial Calibration

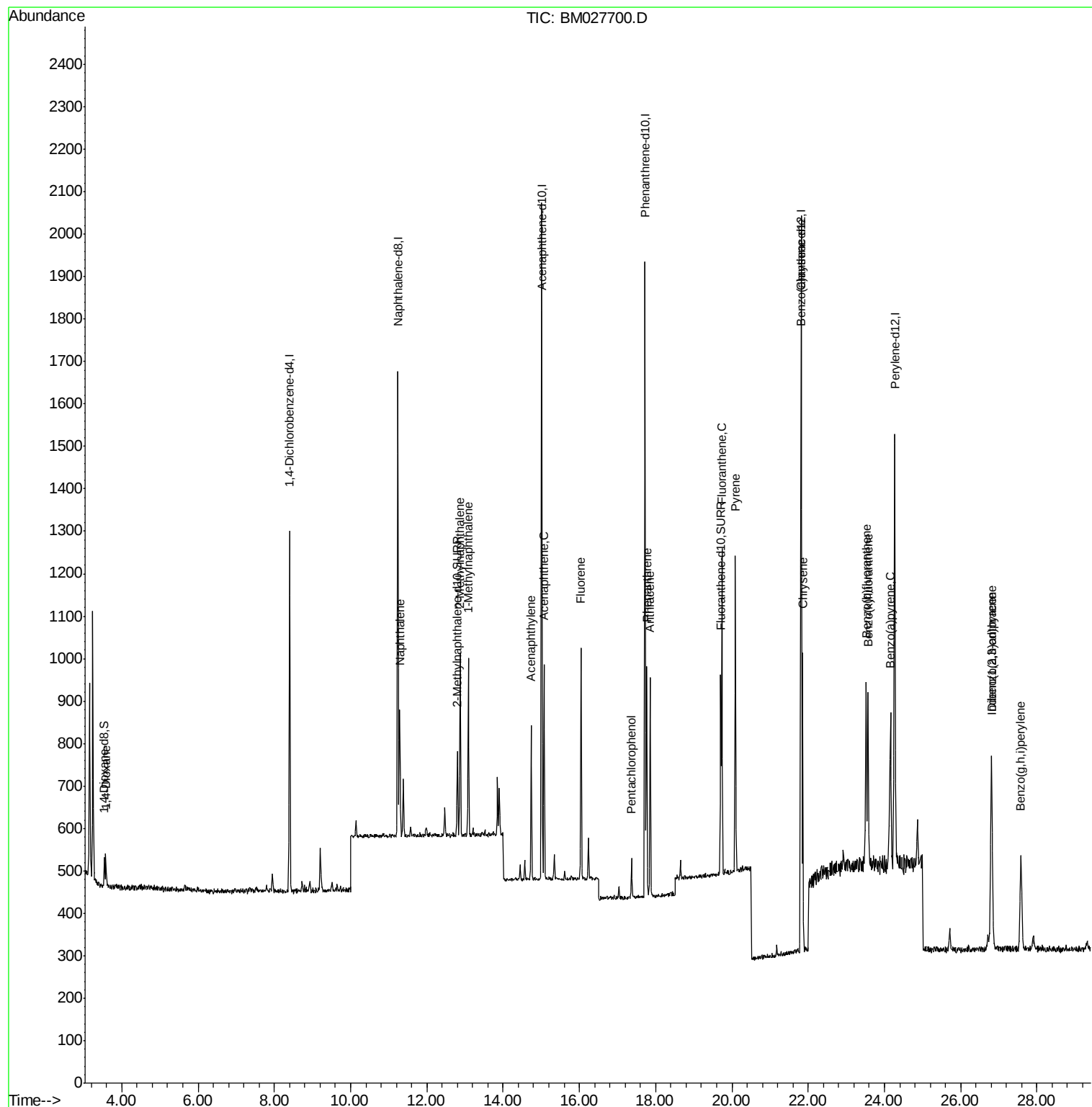
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.40	152	402	0.40	ng/ul	0.00
4) Naphthalene-d8	11.24	136	1422	0.40	ng/ul	0.00
9) Acenaphthene-d10	15.01	164	871	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.72	188	1879	0.40	ng/ul	0.00
19) Chrysene-d12	21.82	240	1572	0.40	ng/ul	0.00
23) Perylene-d12	24.27	264	1427	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	42	0.05	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.80	152	235	0.10	ng/ul	0.00
17) Fluoranthene-d10	19.71	212	509	0.10	ng/ul	0.00
Target Compounds				Ovalue		
2) 1,4-Dioxane	3.58	88	51	0.091	ng/ul	93
5) Naphthalene	11.29	128	398	0.101	ng/ul#	76
7) 2-Methylnaphthalene	12.87	142	278	0.104	ng/ul	98
8) 1-Methylnaphthalene	13.09	142	260	0.103	ng/ul	98
10) Acenaphthylene	14.74	152	392	0.098	ng/ul#	77
11) Acenaphthene	15.07	153	294	0.099	ng/ul	91
12) Fluorene	16.04	166	340	0.098	ng/ul#	97
14) Pentachlorophenol	17.37	266	61	0.101	ng/ul	96
15) Phenanthrene	17.77	178	558	0.100	ng/ul#	87
16) Anthracene	17.85	178	538	0.100	ng/ul#	87
18) Fluoranthene	19.74	202	648	0.101	ng/ul#	84
20) Pyrene	20.09	202	628	0.098	ng/ul#	84
21) Benzo(a)anthracene	21.80	228	594	0.102	ng/ul#	88
22) Chrysene	21.86	228	605	0.100	ng/ul#	90
24) Benzo(b)fluoranthene	23.52	252	594	0.101	ng/ul#	70
25) Benzo(k)fluoranthene	23.57	252	580	0.099	ng/ul#	76
26) Benzo(a)pyrene	24.16	252	537	0.103	ng/ul#	69
27) Indeno(1,2,3-cd)pyrene	26.80	276	620	0.103	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.82	278	502	0.100	ng/ul#	64
29) Benzo(g,h,i)perylene	27.58	276	521	0.101	ng/ul#	73

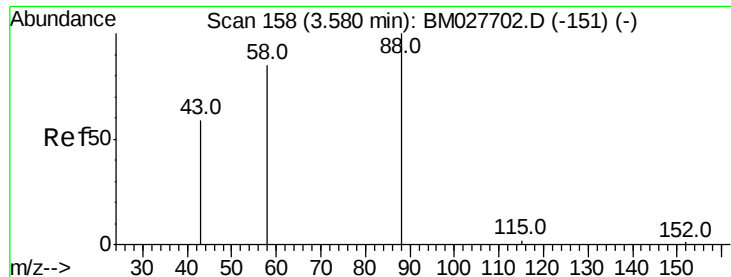
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110520\
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Quant Time: Nov 05 03:58:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM110520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 05 03:44:30 2020
Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 0.091 ng/ul

RT: 3.58 min Scan# 159

Delta R.T. 0.00 min

Lab File: BM027700.D

Acq: 05 Nov 2020 01:22

Instrument :

BNA_M

ClientSampled :

SSTD0.1031

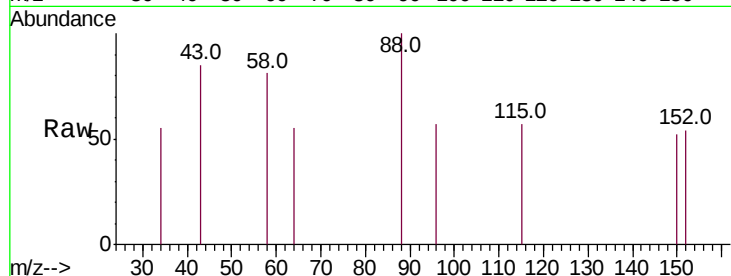
Tot Ion: 88 Resp: 51

Ion Ratio Lower Upper

88 100

43 85.4 61.8 92.6

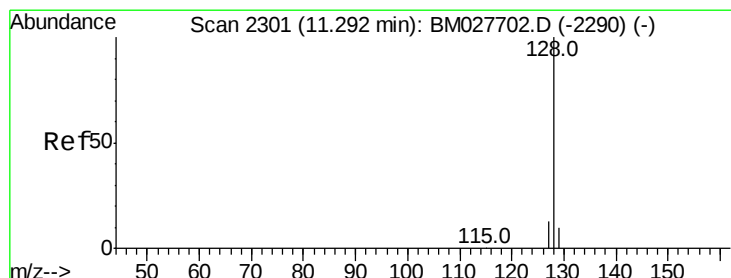
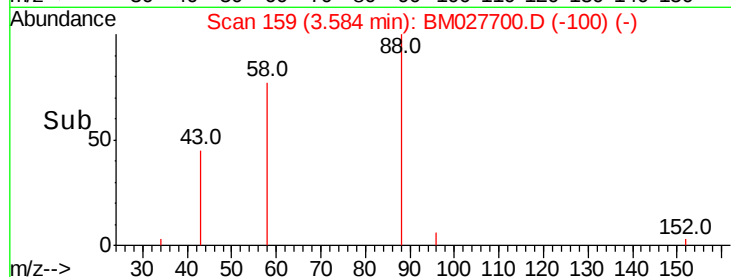
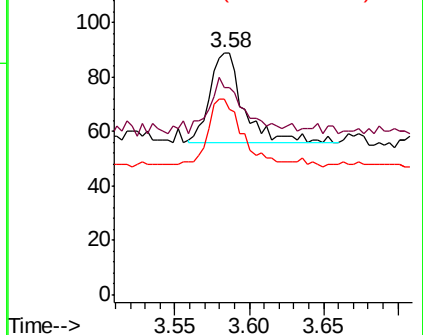
58 80.9 67.8 101.8



Abundance Ion 88.00 (87.70 to 88.70): BM027700.D (-100) (-)

Ion 43.00 (42.70 to 43.70): BM027700.D (-100) (-)

Ion 58.00 (57.70 to 58.70): BM027700.D (-100) (-)



#5

Naphthalene

Concen: 0.101 ng/ul

RT: 11.29 min Scan# 2301

Delta R.T. -0.00 min

Lab File: BM027700.D

Acq: 05 Nov 2020 01:22

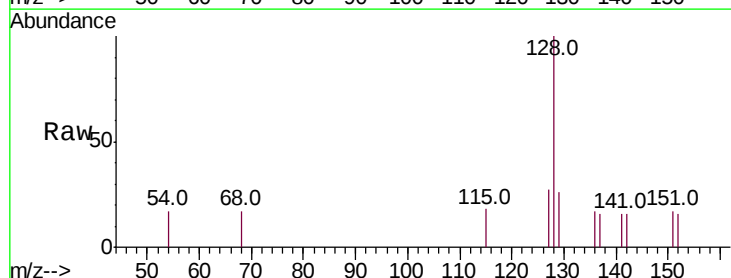
Tgt Ion: 128 Resp: 398

Ion Ratio Lower Upper

128 100

129 26.0 11.7 17.5#

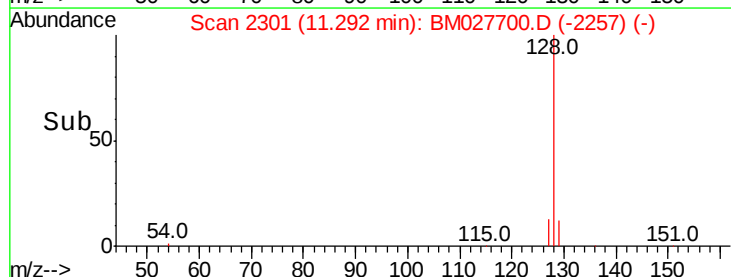
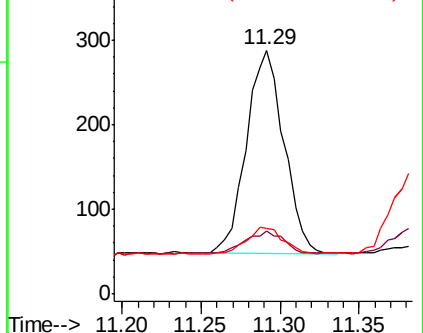
127 26.7 14.0 21.0#

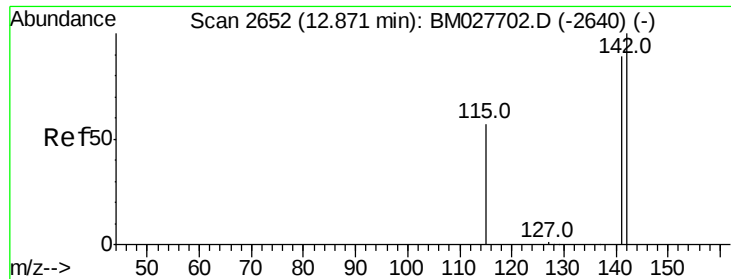


Abundance Ion 128.00 (127.70 to 128.70): BM027700.D (-2257) (-)

Ion 129.00 (128.70 to 129.70): BM027700.D (-2257) (-)

Ion 127.00 (126.70 to 127.70): BM027700.D (-2257) (-)





#7

2-Methylnaphthalene

Concen: 0.104 ng/ul

RT: 12.87 min Scan# 2652

Delta R.T. -0.00 min

Lab File: BM027700.D

Acq: 05 Nov 2020 01:22

Instrument :

BNA_M

ClientSampleId :

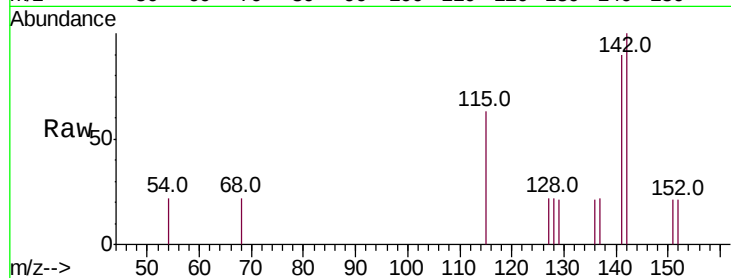
SSTD0.1031

Tot Ion:142 Resp: 278

Ion Ratio Lower Upper

142 100

141 87.4 71.2 106.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.87

200

150

100

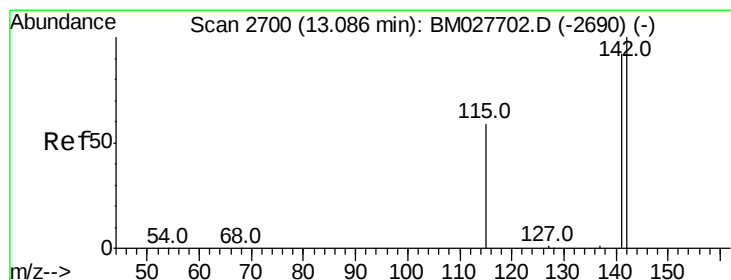
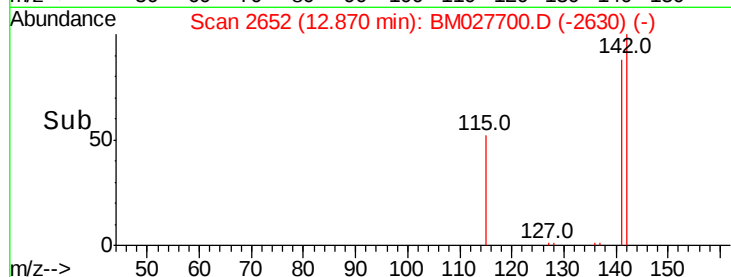
50

0

12.80

12.90

Time-->



#8

1-Methylnaphthalene

Concen: 0.103 ng/ul

RT: 13.09 min Scan# 2701

Delta R.T. 0.00 min

Lab File: BM027700.D

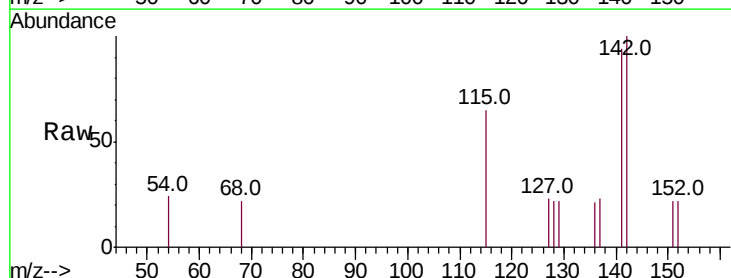
Acq: 05 Nov 2020 01:22

Tgt Ion:142 Resp: 260

Ion Ratio Lower Upper

142 100

141 90.8 74.1 111.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

13.09

250

200

150

100

50

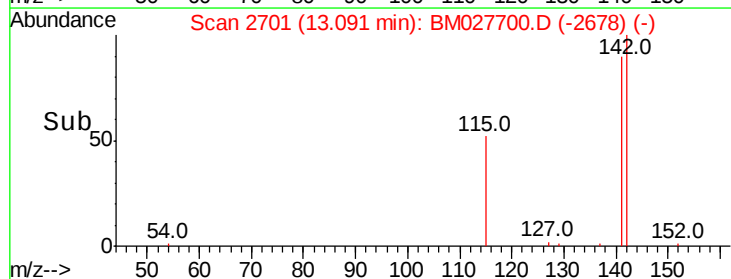
0

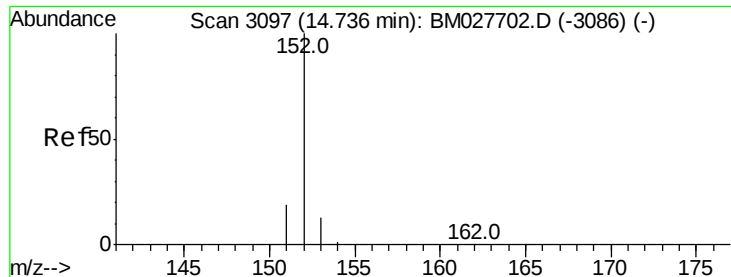
13.05

13.10

13.15

Time-->





#10

Acenaphthylene

Concen: 0.098 ng/ul

RT: 14.74 min Scan# 3097

Delta R.T. -0.00 min

Lab File: BM027700.D

Acq: 05 Nov 2020 01:22

Instrument :

BNA_M

ClientSampleId :

SSTD0.1031

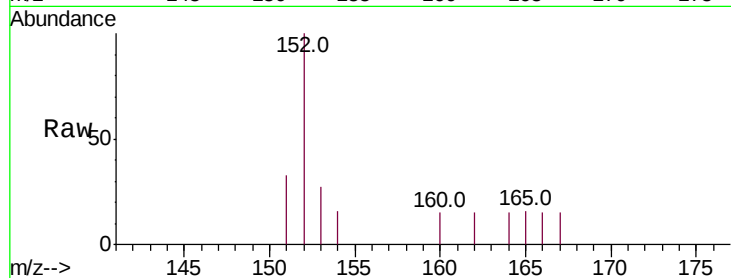
Tot Ion:152 Resp: 392

Ion Ratio Lower Upper

152 100

151 32.9 17.8 26.8#

153 27.2 13.5 20.3#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

14.74

300

200

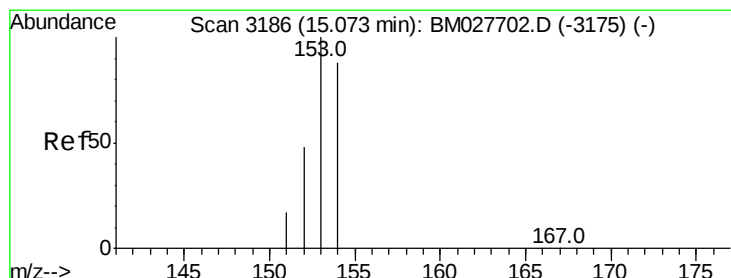
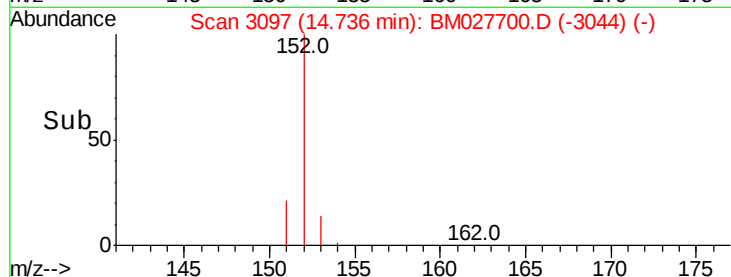
100

0

14.70

14.80

Time-->



#11

Acenaphthene

Concen: 0.099 ng/ul

RT: 15.07 min Scan# 3186

Delta R.T. -0.00 min

Lab File: BM027700.D

Acq: 05 Nov 2020 01:22

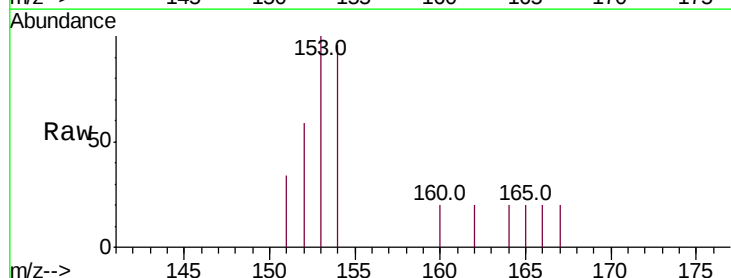
Tgt Ion:153 Resp: 294

Ion Ratio Lower Upper

153 100

152 58.5 40.6 60.8

154 96.3 71.0 106.4



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

15.07

300

250

200

150

100

50

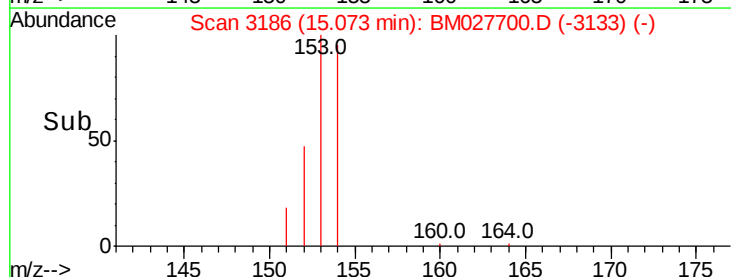
0

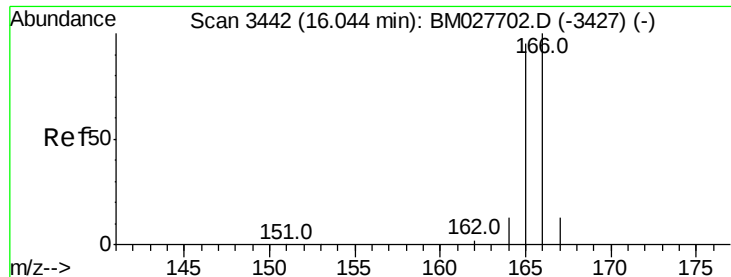
15.00

15.05

15.10

Time-->





#12

Fluorene

Concen: 0.098 ng/ul

RT: 16.04 min Scan# 3442

Delta R.T. -0.00 min

Lab File: BM027700.D

Acq: 05 Nov 2020 01:22

Instrument :

BNA_M

ClientSampleId :

SSTD0.1031

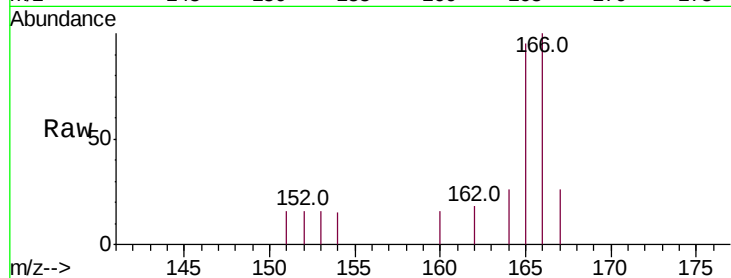
Tot Ion:166 Resp: 340

Ion Ratio Lower Upper

166 100

165 94.9 76.2 114.4

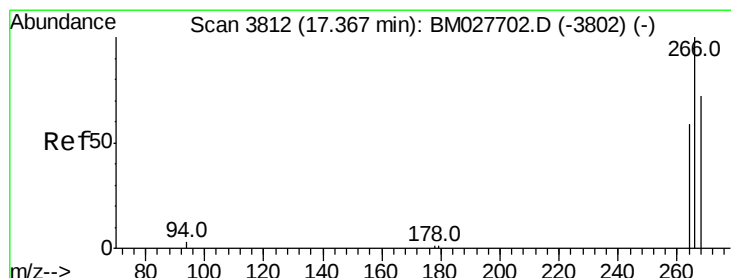
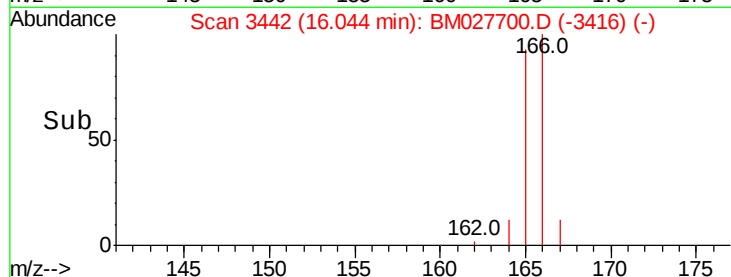
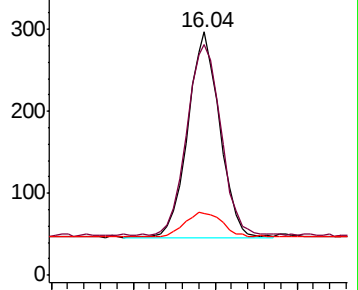
167 25.6 13.7 20.5#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#14

Pentachlorophenol

Concen: 0.101 ng/ul

RT: 17.37 min Scan# 3812

Delta R.T. -0.00 min

Lab File: BM027700.D

Acq: 05 Nov 2020 01:22

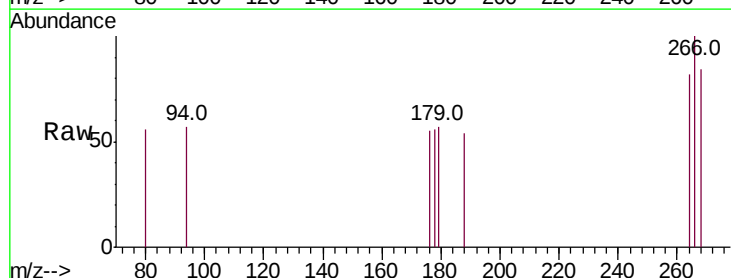
Tgt Ion:266 Resp: 61

Ion Ratio Lower Upper

266 100

264 63.9 48.2 72.4

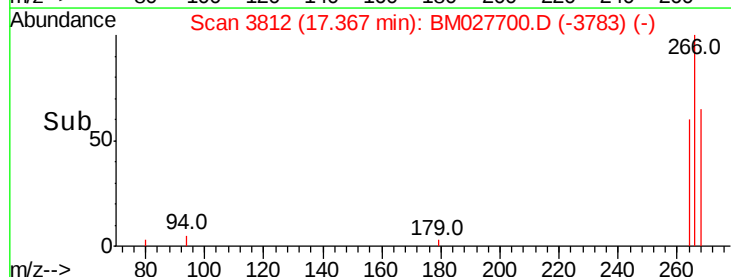
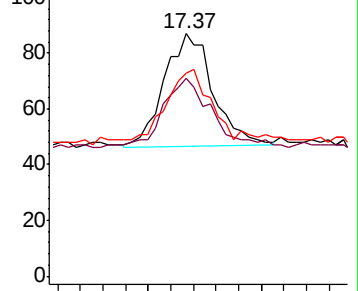
268 63.9 53.4 80.0

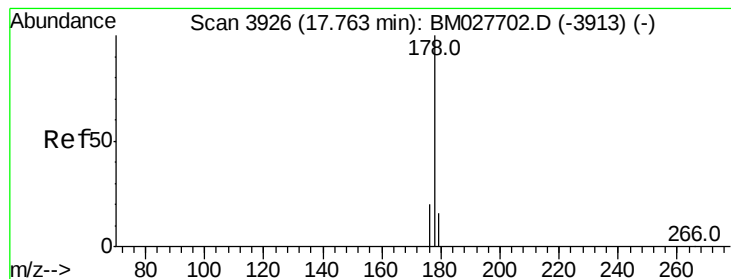


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#15

Phenanthrene

Concen: 0.100 ng/ul

RT: 17.77 min Scan# 3927

Delta R.T. 0.00 min

Lab File: BM027700.D

Acq: 05 Nov 2020 01:22

Instrument :

BNA_M

ClientSampleId :

SSTD0.1031

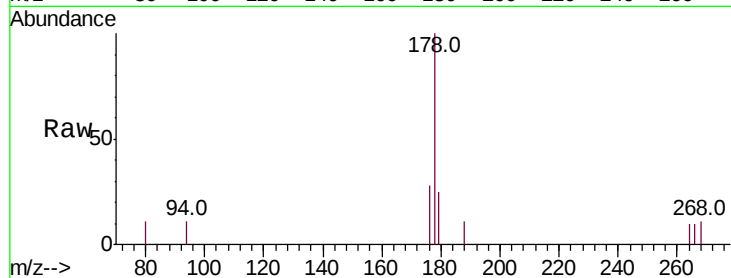
Tot Ion:178 Resp: 558

Ion Ratio Lower Upper

178 100

179 25.2 14.6 22.0#

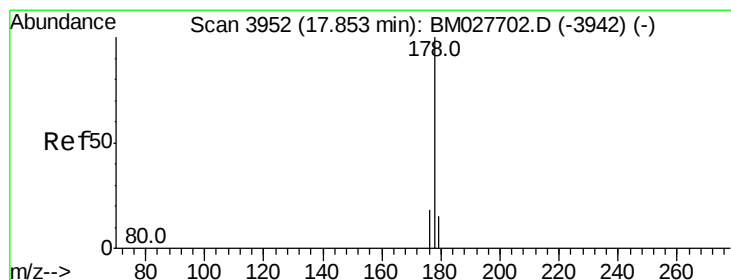
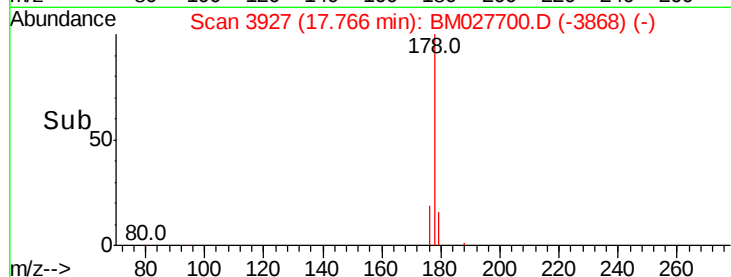
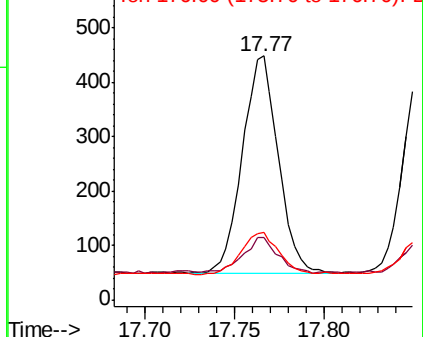
176 27.7 18.2 27.2#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#16

Anthracene

Concen: 0.100 ng/ul

RT: 17.85 min Scan# 3952

Delta R.T. -0.00 min

Lab File: BM027700.D

Acq: 05 Nov 2020 01:22

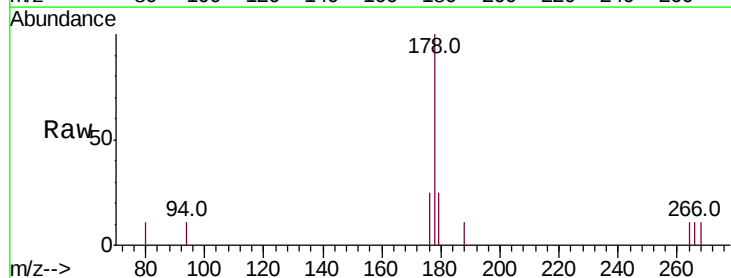
Tgt Ion:178 Resp: 538

Ion Ratio Lower Upper

178 100

179 25.0 14.1 21.1#

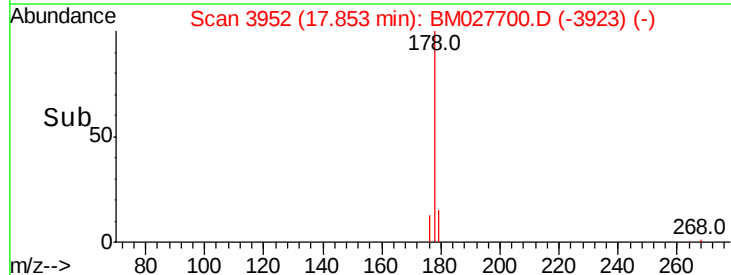
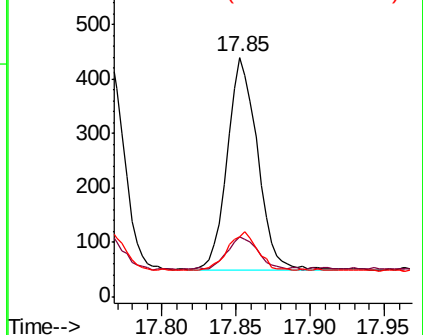
176 25.0 16.3 24.5#

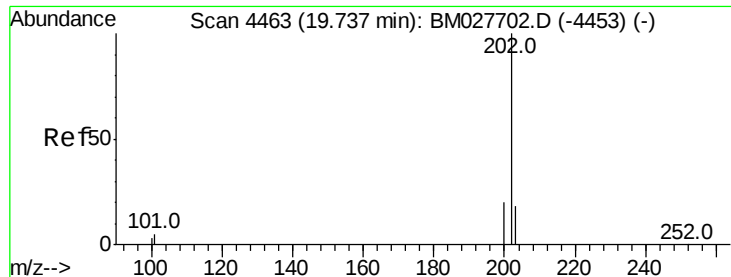


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#18

Fluoranthene

Concen: 0.101 ng/ul

RT: 19.74 min Scan# 4463

Delta R.T. -0.00 min

Lab File: BM027700.D

Acq: 05 Nov 2020 01:22

Instrument :

BNA_M

ClientSampleId :

SSTD0.1031

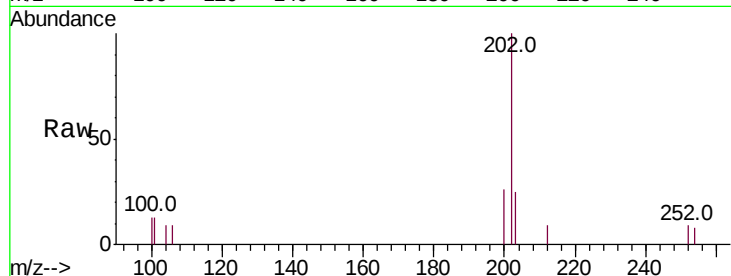
Tot Ion:202 Resp: 648

Ion Ratio Lower Upper

202 100

101 13.2 6.1 9.1#

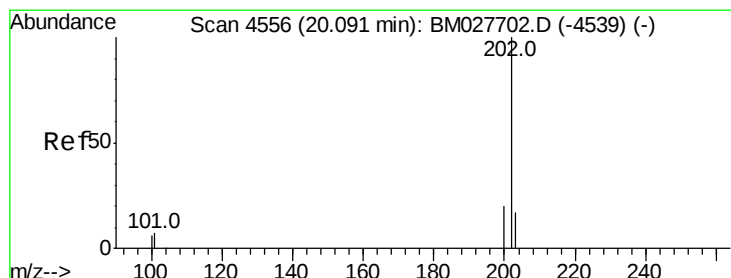
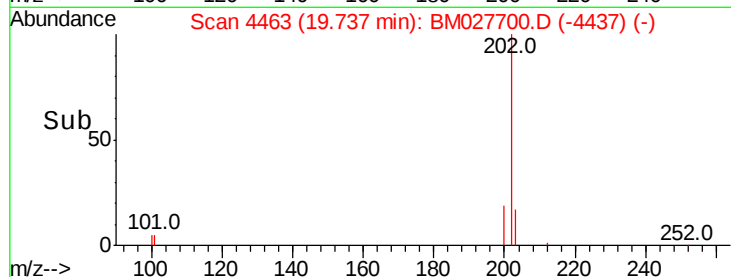
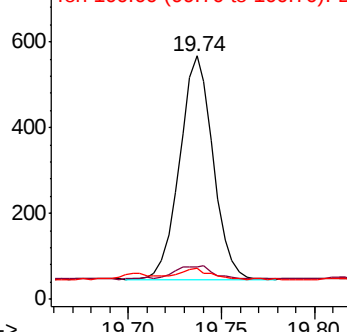
100 13.1 5.8 8.6#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#20

Pyrene

Concen: 0.098 ng/ul

RT: 20.09 min Scan# 4556

Delta R.T. -0.00 min

Lab File: BM027700.D

Acq: 05 Nov 2020 01:22

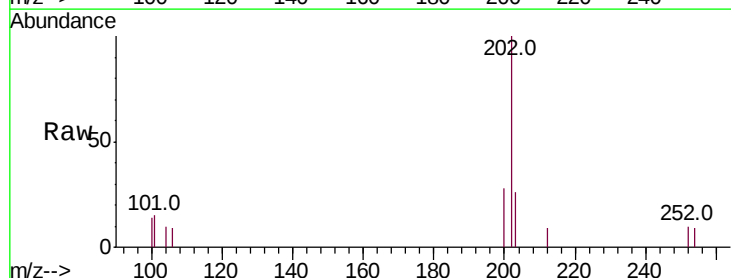
Tgt Ion:202 Resp: 628

Ion Ratio Lower Upper

202 100

101 14.8 7.4 11.0#

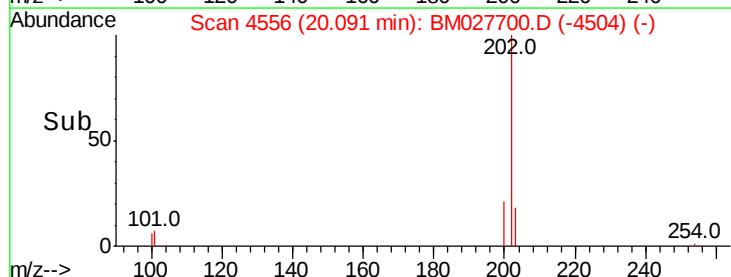
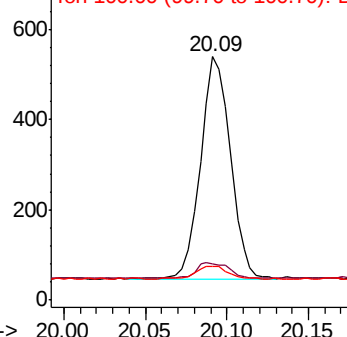
100 13.9 6.6 9.8#

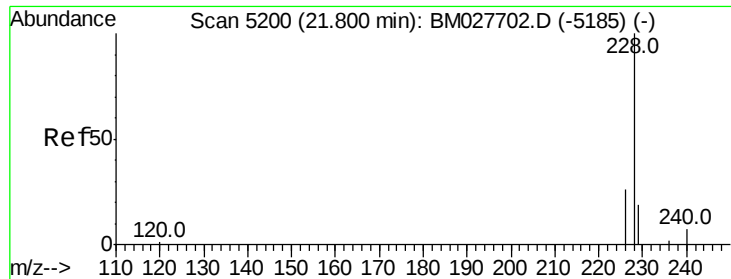


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#21

Benzo(a)anthracene

Concen: 0.102 ng/ul

RT: 21.80 min Scan# 5200

Delta R.T. -0.00 min

Lab File: BM027700.D

Acq: 05 Nov 2020 01:22

Instrument :

BNA_M

ClientSampleId :

SSTD0.1031

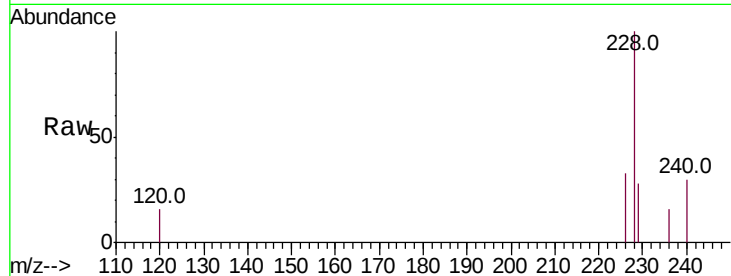
Tot Ion:228 Resp: 594

Ion Ratio Lower Upper

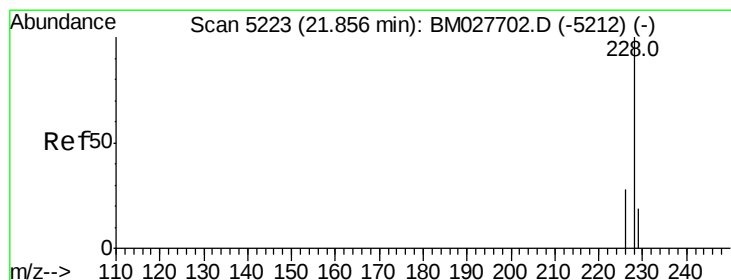
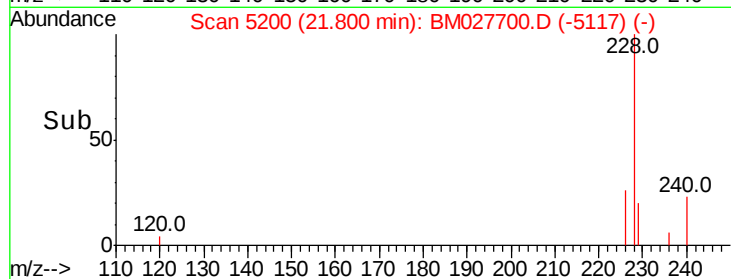
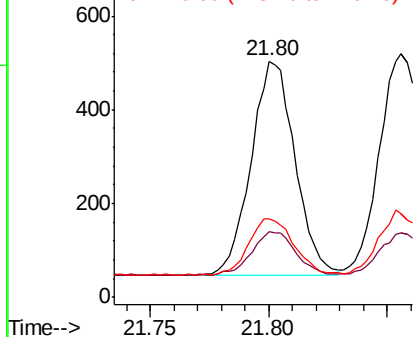
228 100

229 27.8 17.0 25.4#

226 33.1 22.0 33.0#



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E



#22

Chrysene

Concen: 0.100 ng/ul

RT: 21.86 min Scan# 5223

Delta R.T. -0.00 min

Lab File: BM027700.D

Acq: 05 Nov 2020 01:22

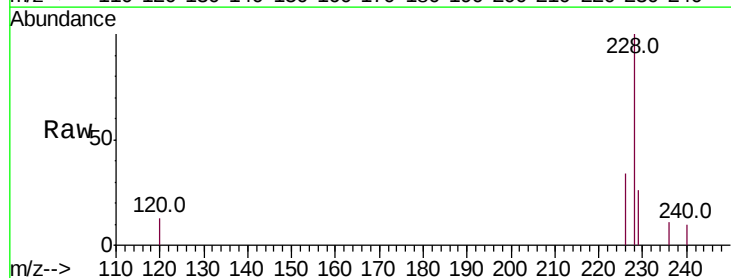
Tgt Ion:228 Resp: 605

Ion Ratio Lower Upper

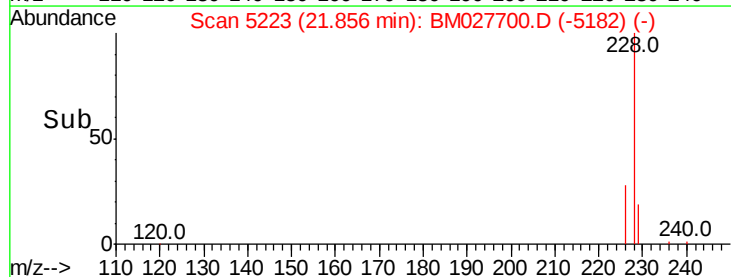
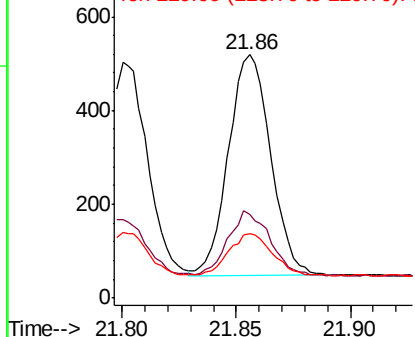
228 100

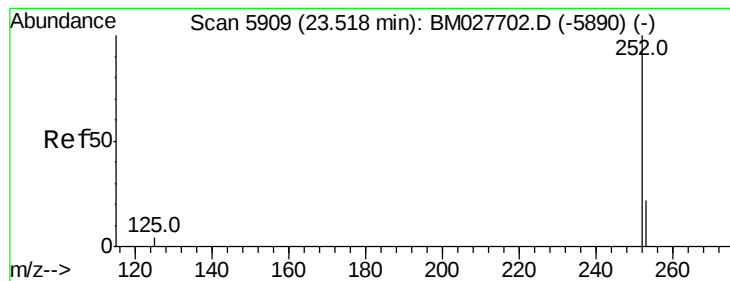
226 34.5 24.0 36.0

229 26.4 16.9 25.3#



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#24

Benzo(b)fluoranthene

Concen: 0.101 ng/u1

RT: 23.52 min Scan# 5910

Delta R.T. 0.00 min

Lab File: BM027700.D

Acq: 05 Nov 2020 01:22

Instrument :

BNA_M

ClientSampleId :

SSTD0.1031

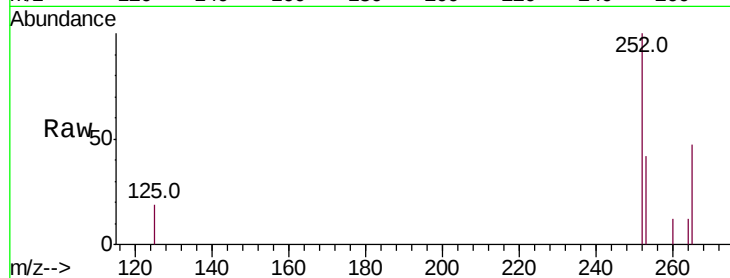
Tot Ion:252 Resp: 594

Ion Ratio Lower Upper

252 100

253 41.9 0.0 53.0

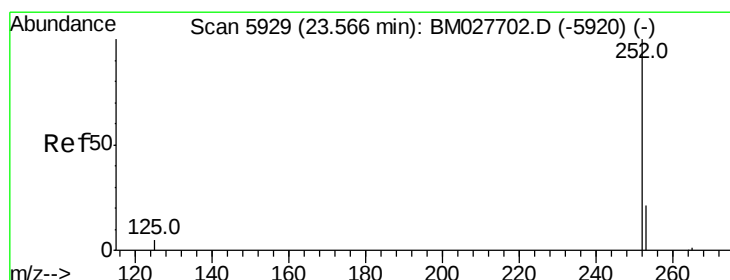
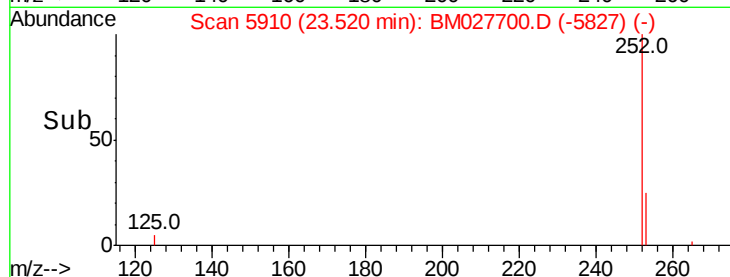
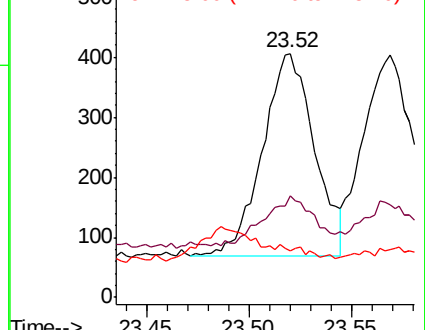
125 19.2 0.0 17.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#25

Benzo(k)fluoranthene

Concen: 0.099 ng/u1

RT: 23.57 min Scan# 5930

Delta R.T. 0.00 min

Lab File: BM027700.D

Acq: 05 Nov 2020 01:22

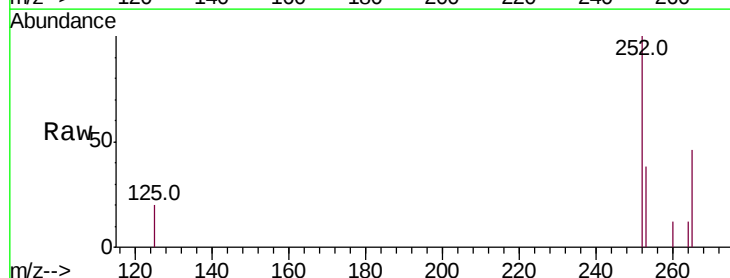
Tgt Ion:252 Resp: 580

Ion Ratio Lower Upper

252 100

253 38.2 21.4 32.2#

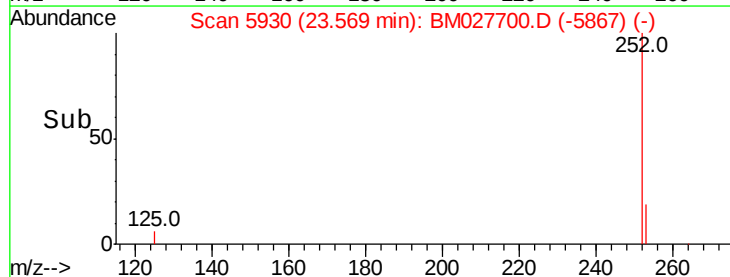
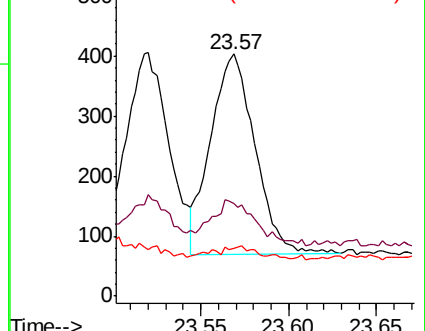
125 19.9 7.4 11.0#

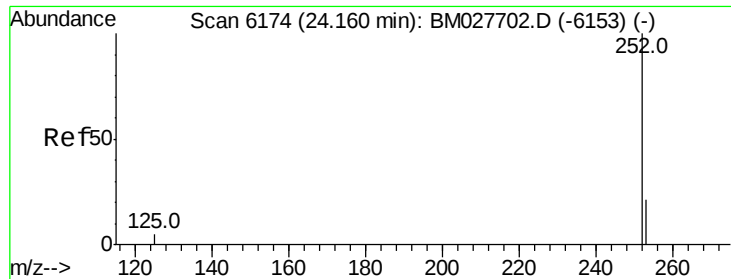


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Benzo(a)pyrene

Concen: 0.103 ng/u1

RT: 24.16 min Scan# 6173

Delta R.T. -0.00 min

Lab File: BM027700.D

Acq: 05 Nov 2020 01:22

Instrument :

BNA_M

ClientSampleId :

SSTD0.1031

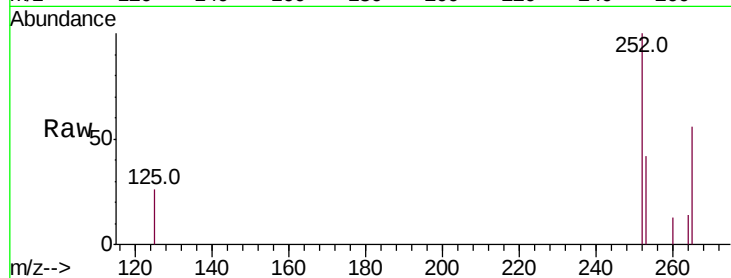
Tot Ion:252 Resp: 537

Ion Ratio Lower Upper

252 100

253 42.2 22.3 33.5#

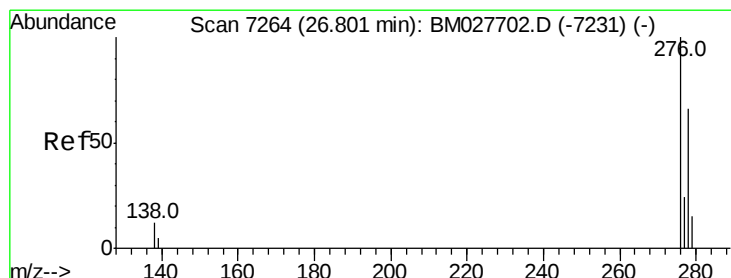
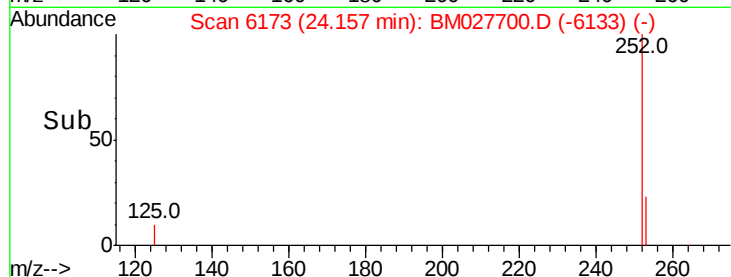
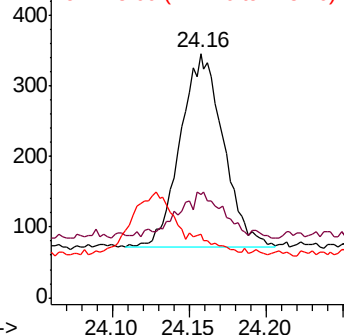
125 26.0 8.8 13.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.103 ng/u1

RT: 26.80 min Scan# 7262

Delta R.T. -0.00 min

Lab File: BM027700.D

Acq: 05 Nov 2020 01:22

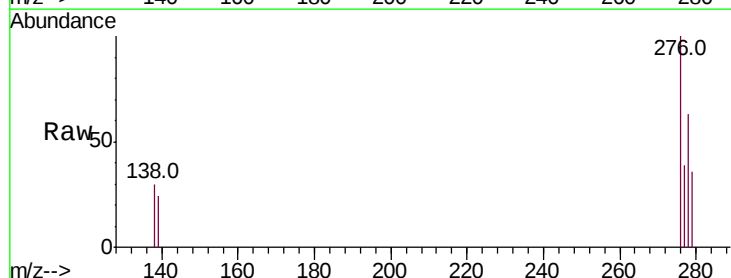
Tgt Ion:276 Resp: 620

Ion Ratio Lower Upper

276 100

138 13.9 11.0 16.6

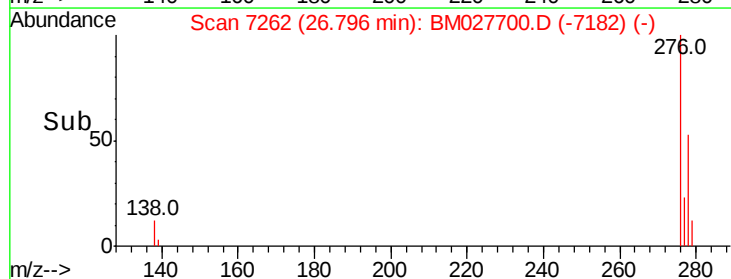
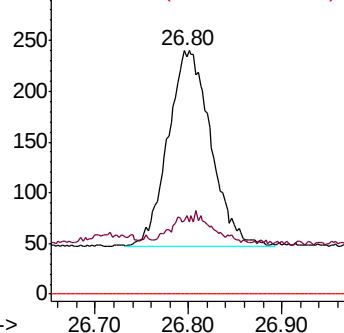
227 0.0 0.0 0.0

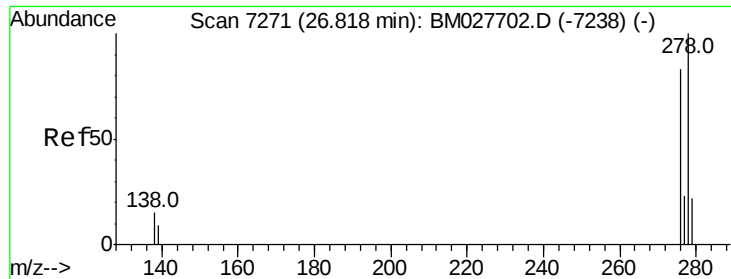


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



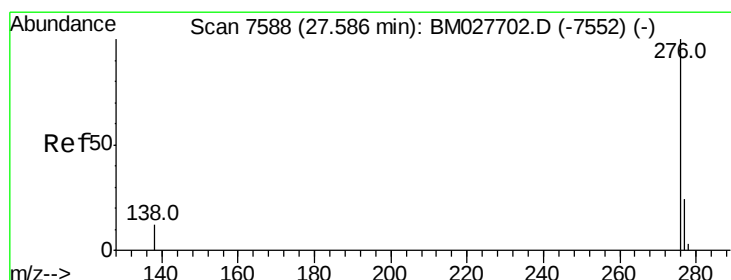
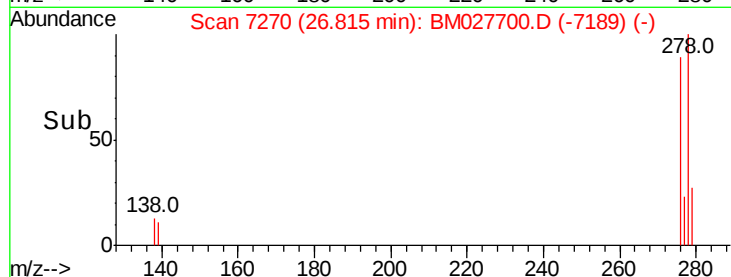
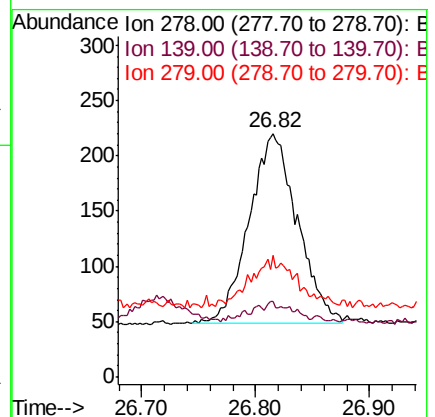
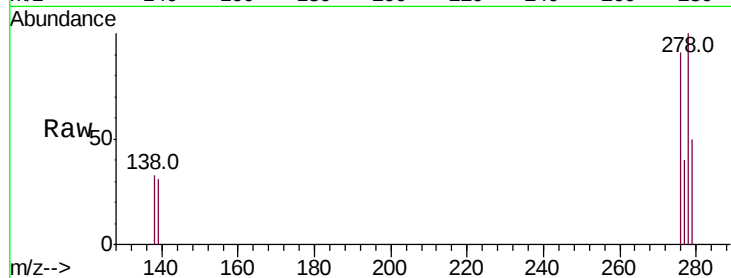


#28

Dibenzo(a,h)anthracene
Concen: 0.100 ng/u1
RT: 26.82 min Scan# 7270
Delta R.T. -0.00 min
Lab File: BM027700.D
Acq: 05 Nov 2020 01:22

Instrument :
BNA_M
ClientSampled :
SSTD0.1031

Tot Ion:278 Resp: 502
Ion Ratio Lower Upper
278 100
139 30.9 12.6 18.8#
279 50.0 24.3 36.5#



#29

Benzo(g,h,i)perylene
Concen: 0.101 ng/u1
RT: 27.58 min Scan# 7585
Delta R.T. -0.01 min
Lab File: BM027700.D
Acq: 05 Nov 2020 01:22

Tgt Ion:276 Resp: 521
Ion Ratio Lower Upper
276 100
138 34.1 15.0 22.4#
277 42.0 24.2 36.2#

